



Policies and Procedures for Accommodating Utilities on Highway Rights of Way

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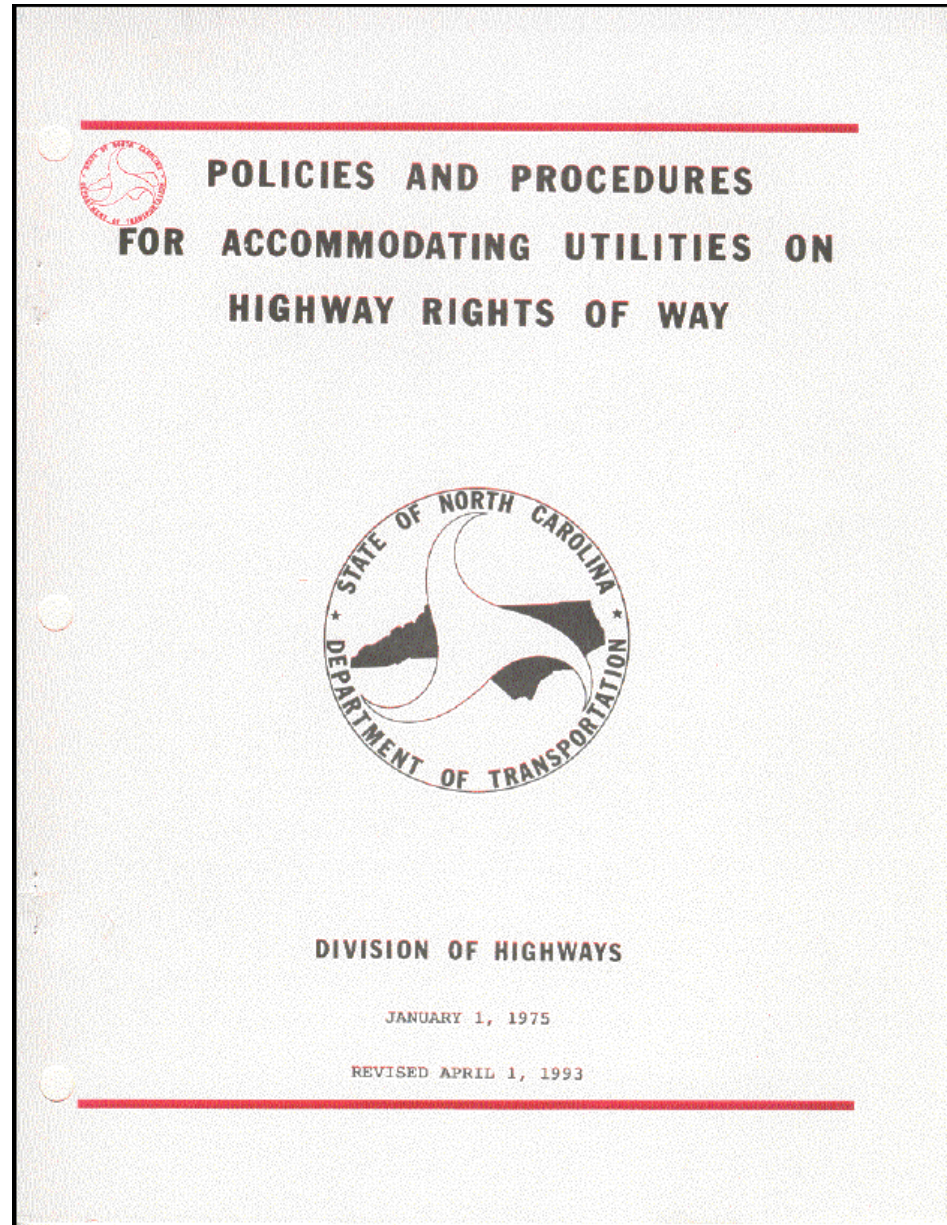


Update to NCDOT Utility Policy Manual

Presentation Purpose

- ✓ Background on Utility Accommodations Manual
- ✓ Discuss the update process
- ✓ Discuss the Utility Accommodations Manual general recommendations
- ✓ Discuss the specific changes
- ✓ Get your comments

Update of Utilities Accommodation Manual



Update of Utilities Accommodation Manual

- ✓ First written in January 1975
- ✓ Revised April 1993
- ✓ Outdated terms and construction methods
- ✓ Lacks flexibility and intelligence of today's technology

Update of Utilities Accommodation Manuals

- ✓ Doing the update in 6 phases
- ✓ Phase 1, manual format is complete
- ✓ Currently completing phase 2 – Policy
- ✓ Will follow shortly with phases 3, 4 and 5; engineering, coordination and encroachments
- ✓ Phase 6 will be education and training

Update of Utilities Accommodation Manuals



North Carolina Department of Transportation

Utilities Accommodation Manuals



December 2012

NCDOT Utilities Unit

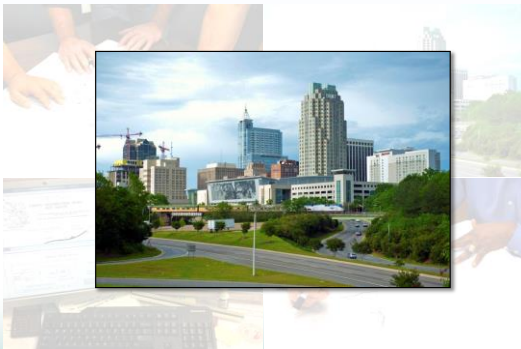


Update of Utilities Accommodation Manuals



North Carolina Department of Transportation

Utility Policy Manual

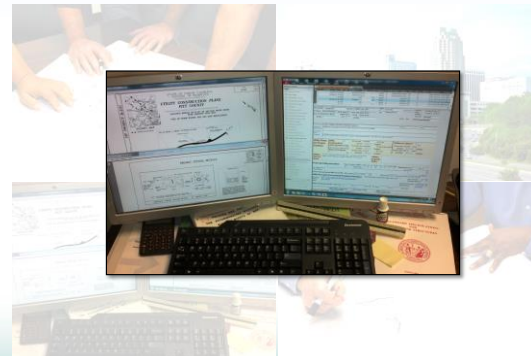


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Utility Engineering Manual



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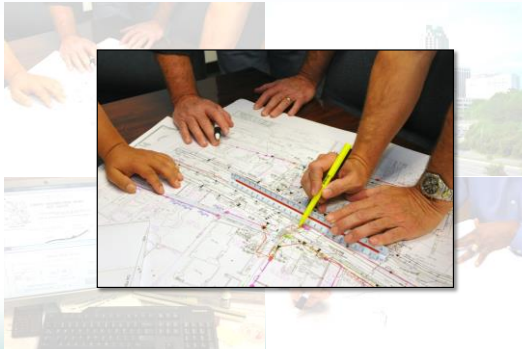


Update of Utilities Accommodation Manuals



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Utility Coordination Manual



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Utility Encroachment Manual



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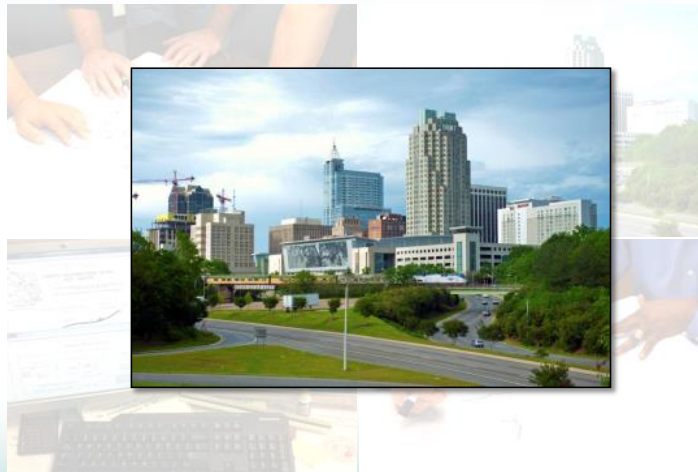


Update of Utilities Accommodation Manuals



North Carolina Department of Transportation

Utility Policy Manual



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Update of Utilities Accommodation Manuals

- ✓ Doing an individual contract with private firm for each phase
- ✓ Cardno was selected to do phase 1 and phase 2, Policy
- ✓ Conducted research of other state utility manuals, sent out surveys, interviewed federal, state & local governments, interviewed utility owners & operators and various other stakeholders and held workshops

Major Improvements and Changes

- ✓ Uses current technology, searchable with links
- ✓ Available via internet and smart device
- ✓ Can incorporate technologies as they become available

Major Improvements and Changes

- ✓ State Utilities Manager, under direction of the chief engineer will oversee the management, interpretation and administration of the UAP. (Section I. C. page 2 of 34.)
- ✓ Disputes, appeals and exceptions, utility may appeal up to a review panel chaired by the State Utilities Manager. (Section I. O. page 6 of 34)
- ✓ Vertical clearances over interstates and freeways raised to 24 feet (Section II. E. page 10 of 34)
- ✓ Out-of-service instead of abandoned to be used. (Section III. F. page 14 of 34)

Major Improvements and Changes

- ✓ Underground facility detection, plant shall be detectable using current technology. (Section III. G. page 14 of 34)
- ✓ NCDOT states in the manual that it will work with utilities. (Section IX. E. page 27 of 34)
- ✓ Non-responsive utility and failure to comply, SUM can issue an order to move, as delegated by BOT. (Section IX. G & H, page 28 of 34)
- ✓ Private utilities, approved on case by case where longitudinal. (Section I. B. 3. Page 2 of 34) **no change**
- ✓ Casings, generally not required. (Section III. D. page 13 of 34) **no change**

Summary

- ✓ Compilation of 4 separate manuals; Policy, Engineering, Coordination and Encroachment
- ✓ Manual itself will utilize current technologies; searchable available online
- ✓ SUM is responsible to administer and maintain
- ✓ There is a formal appeal process
- ✓ Higher vertical clearance over interstates
- ✓ Underground facilities must be detectable
- ✓ Non-responsive utility and failure to comply, SUM can issue an order to move, as delegated by BOT

Questions and Parting Thoughts

